

Abstract

A steering system for a vehicle having a body supported on at least two sets of steerable wheels, generally consisting of a steering shaft provided with a wheel, supported on such body; a torque transmitting main shaft supported longitudinally on the body; means operatively interconnecting the steering shaft and the main shaft for transmitting rotary motion of the steering shaft to rotary motion of the main shaft; a first transversely displaceable means operatively interconnecting knuckle brackets of one of the sets of steerable wheels; means operatively interconnecting the main shaft and the first transversely displaceable means for translating rotary motion of the main shaft to linear motion of the first transversely displaceable means; second transversely displaceable means operatively interconnecting knuckle brackets of the other of the sets of steerable wheels; and means operatively interconnecting the main shaft and the second transversely displaceable means for translating rotary motion of the main shaft to linear motion of the second transversely displaceable means.